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File: JPAB

Sep 2, 1983

PUB-NO: JP358147373A
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TITLE: INK JET PRINTER

PUBN-DATE: September 2, 1983

INVENTOR-INFORMATION:

NAME

COUNTRY

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APPL-NO: JP57029194

APPL-DATE: February 25, 1982

US-CL-CURRENT: 347/101

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ABSTRACT:

PURPOSE: To attain to enhance the quality of a print image, in an electric field on-demand type ink jet printer, by providing a means for removing dust or paper powder on recording paper prior to printing.

CONSTITUTION: The meniscus 4a of an ink externally formed from a nozzle 2 by the ink in an ink jet head 1 is scattered on recording paper by an electric field formed between a control electrode 5 and a rear electrode 6 to carry out printing. A vacuum pump 11 is provided to the aforementioned apparatus and dust such as paper powder on the recording paper 5 is sucked and removed by using said pump 11 to enhance the quality of a print image. In this case, by contacting a roller 2 with the surface of the recording paper 5 under pressure, dust can be removed.

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